

Nomenclature Podcasts 2-4

Name the following Compounds

1. NiCl_2
2. NiCl_3
3. CoCl_2
4. CrN
5. Cr_2O_3
6. Ag_2O
7. FeCl_3
8. FeCl_2
9. HgO
10. CdS
11. Cd_3P_2
12. WF_5
13. W_2O_5

Write the formulas

14. Iron II Bromide
15. Copper I Oxide
16. Copper II Oxide
17. Zinc II Iodide
18. Lead IV Sulfide
19. Tin II Nitride
20. Tin IV Nitride
21. Gold I Sulfide
22. Tungsten V Iodide
23. Zirconium IV Fluoride
24. Scandium III Nitride
25. Scandium III Bromide

Write the Names

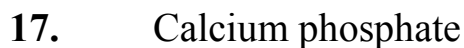
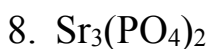
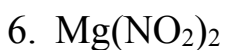
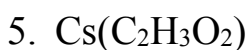
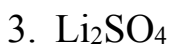
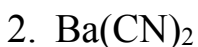
- 26. Cs_2S
- 27. SrBr_2
- 28. VCl_2
- 29. FeO
- 30. Fe_2O_3
- 31. NiO
- 32. Ni_2O
- 33. MgS

Write the formulas

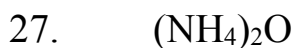
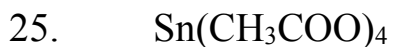
- 34. Platinum IV Sulfide
- 35. Potassium Bromide
- 36. Copper II Phosphide
- 37. Chromium III Iodide
- 38. Strontium Fluoride
- 39. Iron II Phosphide
- 40. Cobalt II Iodide

Nomenclature 2 – Writing and Naming Ionic Compounds With Polyatomic ions

Name the following



Name the following



Write the formula



Write the formula

28. Nickel II Nitrite
29. Iron III chlorate
30. Titanium IV sulfate
31. Lead II carbonate
32. Lead IV carbonate
33. Silver I phosphate
34. Tungsten V phosphite

Name the following:

35. $\text{Co}(\text{NO}_3)_2$
36. $\text{Ca}(\text{NO}_3)_2$
37. PbSO_4
38. NH_4CN
39. $(\text{NH}_4)_3\text{PO}_4$
40. $\text{Hg}(\text{OH})_2$
41. $\text{Bi}_2(\text{SO}_4)_3$

Write the formula

42. Potassium nitrate
43. Iron II sulfate

44. Iron III sulfate
45. Strontium phosphate
46. Aluminum chlorate
47. Copper I carbonate
48. Lead II nitrate
49. Lead IV nitrate
50. Sodium acetate

Name the following:

51. MgO
52. $\text{Sr}(\text{NO}_3)_2$
53. $(\text{NH}_4)_2\text{S}$
54. Na_3P
55. Cu_3P
56. Cu_3PO_4
57. $\text{Cd}(\text{OH})_2$
58. BaCO_3

Write the formula

59. Silver I nitrate
60. Sodium carbonate
61. Cobalt II nitrite
62. Ammonium sulfide
63. Ammonium phosphate
64. Ammonium hydroxide
65. Iron III chloride
66. Magnesium oxide
67. Potassium perchlorate
68. Zinc II chlorite
69. Scandium III nitrite
70. Barium bicarbonate
71. Lead II oxide
72. Lead II hydroxide
73. Lead IV oxide
74. Lead IV hydroxide

Nomenclature 3-Molecular Compounds

1. N₂O₅

2. CO₂

3. C₂O₄

4. P₄O₁₀

5. Cl₄

6. CCl₄

Write the Formula

7. Carbon Tetrabromide

8. sulfur hexafluoride

9. Selenium disulfide

10. Arsenic triiodide

11. silicon tetrabromide

12. Nitrogen triiodide

13. Selenium pentafluoride

Nomenclature 5 – Writing and Naming Acids

Name These Acids

1. HNO_3
2. HCl
3. H_2CO_3
4. $\text{HC}_2\text{H}_3\text{O}_2$
5. CH_3COOH
6. HBr
7. HNO_2
8. H_3PO_4
9. H_2S
10. HClO_4

Write the Formula for These Acids

1. sulfuric acid
2. nitric acid
3. hydrochloric acid
4. acetic acid
5. hydrofluoric acid
6. phosphorous acid
7. carbonic acid
8. nitrous acid
9. phosphoric acid
10. hydrosulfuric acid